STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR RESOURCES

OPERATING PERMIT

Stanley Fastening Systems, L.P.

PERMIT NO. RI-30-03 (R1)

(Expiration date: 06-23-08)

Pursuant to the provisions of Air Pollution Control Regulation No. 29, this operating permit is issued to:

Stanley Fastening Systems, L.P.
2 Briggs Drive
East Greenwich, RI 02818 - 9949

This permit shall be effective from the date of its issuance. All terms and conditions of the permit are enforceable by the USEPA and citizens under the federal Clean Air Act, 42 U.S.C. 7401, et seq., unless specifically designated as not federally enforceable.

Stephen Majkut, Chief
Office of Air Resources

Date of revision : 5/11/05

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SECTION I. SOURCE SPECIFIC CONDITIONS

A. Requirements for Emissions Units B001 and B002

The following requirements are applicable to:

- Emission units B001 and B002, each of which are 19.78 MMBTU/hr Preferred Utilities boiler, Model No. BHE 103A4, capable of burning #6 fuel oil and natural gas.

1. Emission Limitations

a. Particulates

The permittee shall not cause or permit the emissions of particulate matter in excess of 0.1 pounds per million BTU actual heat input. [13.2.1]

b. Opacity

The permittee shall not emit into the atmosphere, any air contaminant, for a period or periods aggregating more than three minutes in any one hour, which is greater than or equal to 20 percent opacity. [1.2] Where the presence of uncombined water is the only reason for failure to meet this requirement, such failure shall not be a violation of this permit. [1.4]

c. Sulfur Oxides

Unless the Director declares in writing after hearing that a shortage of low sulfur fuel exists, the permittee shall not use or store fuel oil with a sulfur content greater than 1.0% by weight. [8.2]

2. Operating Requirements

a. The permittee shall tune B001 and B002 at least once per year of operation, in accordance with the procedure described in Appendix A of APC Regulation No. 27. [27.4.2(c)]

3. Monitoring Requirements

a. Opacity

Emission units B001 and B002 shall be equipped with an opacity monitor with audio alarm. [6.2.2(a)] The opacity monitoring devices shall be calibrated to sound the alarm at 20 percent opacity and shall be operated

continuously during the combustion of oil. The audio alarm must be located in an area where it will be heard by the operator or other person responsible for the units. [6.2.3]

4. Testing Requirements

a. Particulates

Compliance with the particulate emissions limitations contained in Condition I.A.1.a of this permit, shall be determined by emission testing conducted by the permittee according to Method 5 of 40 CFR 60, Appendix A, or another method approved by the Office of Air Resources and the USEPA, shall be used. [13.3.1]

The requirements of particulate emissions testing may be waived if the Director and the USEPA:

(1) Specifies or approves, in a specific case, the use of reference method with minor changes in methodology; or

(2) Approves the use of an equivalent or alternative method the results of which he has determined to be adequate for indicating whether the permittee is in compliance; or

(3) Finds that the permittee has demonstrated by other means to the Director's and USEPA's satisfaction that the source is in compliance with the relevant emissions standards. [13.3.3]

In the absence of data from particulate emissions testing, the Director and USEPA may determine that an emissions unit is or is not in compliance with the emission limitations of Condition I.A.1.a of this permit based on available information including, but not limited to, type of fuel burned, design of unit, efficiency of air pollution control systems, operating and maintenance procedures, and emission test results on similar units. [13.3.2]

b. Opacity

Test for determining compliance with the opacity emissions limitations specified in Condition I.A.1.b of this permit shall be performed as per 40 CFR 60, Appendix A, Method 9. Additionally, all observers must qualify as per 40 CFR 60, Appendix A, Method 9. [1.3.1, 1.3.2]

c. Sulfur Oxides

Compliance with the sulfur limitations contained in Condition I.A.1.c of this permit shall be determined by the procedures referenced in Condition II.U.2 of this permit.

5. Recordkeeping Requirements

a. The permittee shall record the monthly fuel usage for B001 and B002 [27.6.3(a)]

b. The permittee shall maintain records verifying that a tune-up has been performed in accordance with Condition I.A.2.a of this permit. These records shall include the following information:

(1) The date the tune-up was performed,

(2) The name of the person who performed the tune-up

(3) The final excess oxygen setting, and

(4) The O_2/CO curve or O_2/smoke curve that has been developed as part of the tune-up procedure. [27.6.8]

B. Requirements for Emissions Unit B003

The following requirements are applicable to:

- Emission unit B003, which is a 8.37 MMBTU/hr Kewanee Boiler Co., Model No. L3S-250-G06, capable of burning #6 fuel oil and natural gas.

1. Emission Limitations

a. Natural Gas Firing

(1) Nitrogen Oxides

The emission rate of nitrogen oxides discharged to the atmosphere from B003 shall not exceed 0.10 lbs. per million BTU heat input or 0.84 lbs./hr, whichever is more stringent. [Approval No. 1291(A)(1)(a)]

(2) Carbon Monoxide

The emission rate of carbon monoxide discharged to the atmosphere from B003 shall not exceed 0.015 lbs. per million BTU heat input or 0.13 lbs./hr, whichever is more stringent. [Approval No. 1291(A)(1)(b)]

(3) Total Nonmethane Hydrocarbons

The emission rate of total nonmethane hydrocarbons discharged to the atmosphere from B003 shall not exceed 0.004 lbs. per million BTU heat input or 0.03 lbs./hr, whichever is more stringent. [Approval No. 1291(A)(1)(c)]

(4) Particulates

The permittee shall not cause or permit the emissions of particulate matter in excess of 0.1 pounds per million BTU actual heat input. [13.2.1]

b. Oil Firing

(1) Nitrogen Oxides

The emission rate of nitrogen oxides discharged to the atmosphere from B003 shall not exceed 0.60 lbs. per million BTU heat input or 5.02 lbs./hr, whichever is more stringent. [Approval No. 1291(A)(2)(a)]

(2) Carbon Monoxide

The emission rate of carbon monoxide discharged to the atmosphere from B003 shall not exceed 0.015 lbs. per million BTU heat input or 0.13 lbs./hr, whichever is more stringent. [Approval No. 1291(A)(2)(b)]

(3) Sulfur Oxides

(a) All fuel burned in B003 shall contain no more than 1.0 percent sulfur by weight. [Approval No. 1291(A)(2)(c)(i), 8.2]

(b) The emission rate of sulfur dioxide discharged to the atmosphere from B003 shall not exceed 9.2 lbs./hr. [Approval No. 1291(A)(2)(c)(ii)]

(4) Particulates

The emission rate of particulate matter discharged to the atmosphere from B003 shall not exceed 0.10 lbs. per million BTU heat input or 0.84 lbs./hr whichever is more stringent. [Approval No. 1291(A)(2)(d), 13.2.1]

(5) Total Nonmethane Hydrocarbons

The emission rate of total nonmethane hydrocarbons discharged to the atmosphere from B003 shall not exceed 0.004 lbs. per million BTU heat input or 0.03 lbs./hr, which ever is more stringent. [Approval No. 1291(A)(2)(e)]

c. Opacity

Visible emissions from B003 shall not exceed 10 % opacity (six-minute average). [Approval No. 1291(A)(3)] Where the presence of uncombined water is the only reason for failure to meet this requirement, such failure shall not be a violation of this permit. [1.4]

2. Operating Requirement

a. The maximum actual heat input capacity of B003 shall not exceed 8,370,000 BTU/hr. [Approval No. 1291(E)(3)]

b. The permittee shall tune B003 at least once per year of operation, in accordance with the procedure described in Appendix A of APC Regulation No. 27. [27.4.2(c)]

3. Testing Requirements

a. Particulates

Compliance with the particulate emissions limitations contained in Conditions I.B.1.a(4) and I.B.1.b(4) of this permit, shall be determined by emission testing conducted by the permittee according to Method 5 of 40 CFR 60, Appendix A, or another method approved by the Office of Air Resources and the USEPA, shall be used. [13.3.1]

The requirements of particulate emissions testing may be waived if the Director and the USEPA:

(1) Specifies or approves, in a specific case, the use of reference method with minor changes in methodology; or

(2) Approves the use of an equivalent or alternative method the results of which he has determined to be adequate for indicating whether the permittee is in compliance; or

(3) Finds that the permittee has demonstrated by other means to the Director's and USEPA's satisfaction that the source is in compliance with the relevant emissions standards. [13.3.3]

In the absence of data from particulate emissions testing, the Director and USEPA may determine that an emissions unit is or is not in compliance with the emission limitations of Conditions I.B.1.a(4) and I.B.1.b(4) of this permit based on available information including, but not limited to, type of fuel burned, design of unit, efficiency of air pollution control systems, operating and maintenance procedures, and emission test results on similar units. [13.3.2]

b. Opacity

Test for determining compliance with the opacity emissions limitations specified in Condition I.B.1.c of this permit shall be performed as per 40 CFR 60, Appendix A, Method 9. Additionally, all observers must qualify as per 40 CFR 60, Appendix A, Method 9. [1.3.1, 1.3.2]

c. Sulfur Oxides

(1) Each fuel supplier certification or each fuel oil analysis must demonstrate that the oil contains 1.0 percent sulfur by weight or less. [Approval No. 1291(C)(4)]

(2) Compliance with the sulfur limitations contained in Condition I.B.1.b(3)(a) of this permit shall be determined by the procedures referenced in Condition II.U.2 of this permit.

4. Monitoring Requirements

a. Opacity

Continuous emission monitoring equipment shall be operated and maintained for opacity when B003 is operating on fuel oil. [Approval No. 1291(B)(1), 6.2.1]

5. Recordkeeping Requirements

a. The permittee shall record and maintain records of the amounts of each fuel combusted during each day. [Approval No. 1291(D)(3)]

b. The permittee shall maintain records verifying that a tune-up has been performed in accordance with Condition I.B.2.b of this permit. These records shall include the following information:

(1) The date the tune-up was performed,

(2) The name of the person who performed the tune-up

(3) The final excess oxygen setting, and

(4) The O_2/CO curve or O_2/smoke curve that has been developed as part of the tune-up procedure. [27.6.8]

6. Reporting Requirements

a. The permittee shall submit copies of all fuel supplier certifications or fuel oil analyses to the Office of Air Resources for each calendar quarter. This quarterly submittal shall include a certified statement, signed by the permittee, that the records of fuel supplier certifications or fuel oil analyses submitted represent all of the fuel combusted during the quarter. Each quarterly report shall be postmarked by the 30th day following the end of the calendar quarter. [Approval No. 1291(D)(4)]

b. The permittee shall notify the Office of Air Resources of any anticipated noncompliance with the terms of Section I.B. of this permit or any other applicable air pollution control rules and regulations. [Approval No.1291(D)(5)]

7. Other Requirements

a. To the extent consistent with the requirements of Section I.B. of this permit and applicable federal and state laws, the equipment shall be operated in accordance with the representation of the equipment in the preconstruction permit application. [Approval No.1291(E)(1)]

C. Requirements for Emission Unit B004

The following requirements are applicable to:

- Emission unit B004, which is a Pollution Control Products Co., Pyrolysis cleaning oven, Model No. PTR-392 3510. (Approval No. 795)

There are no specific applicable requirements for B004. This does not relieve the permittee from compliance with the provisions of the General Conditions, outlined in Section II of this permit, as they apply to B004.

D. Requirements for Emission Units P001 and P002

The following requirements are applicable to:

- Emission unit P001, which is a ITW Ransburg Electrostatic Paint Booth, Model No. 70990.

- Emission unit P002, which is a TBI Blowtherm Paint Booth, Model No. TBI Blowtherm Paint Arrestor.

- Emission units P001 and P002 are connected to a flash off oven (M001) that is then connected to a bake oven (B005).

1. Emission Limitations

a. The VOC content of each coating used by the permittee shall not exceed 3.0 lbs of VOC/gallon of coating minus water, as applied. [19.3.1, 19.3.2(b)]

2. Testing Requirements

a. Compliance with the coating emission limitations contained in Condition I.D.1.a of this permit shall be demonstrated in accordance with 40 CFR 60, Appendix A, Methods 24, 24A as amended or any other USEPA approved method which has been accepted by the Director. A one hour bake time shall be used for Methods 24 and 24A, which apply to multi-component coatings. [19.7.1]

3. Recordkeeping Requirements

a. The permittee shall collect, record and maintain the following information each month for P001 and P002:

(1) The name and identification number of each coating, as applied, on emission units P001 and P002; [19.5.3(c)(1)]

(2) The mass of VOC per volume of each coating (excluding water), as applied, used each month on emission units P001 and P002; [19.5.3(c)(2)]

(3) The type and amount of solvent used for diluents and clean up operations; [19.5.3(c)(4)]

4. Reporting Requirements

a. The permittee shall notify the Director of any record showing use of any non-complying coatings by sending a copy of such record to the Director within 30 calendar days following that use. [19.5.3(d)(1)]

b. The permittee, before changing the method of compliance from complying coatings to daily-weighted averaging or control devices, shall submit a Compliance Certification Plan to the Office of Air Resources for review and approval. Such plan shall include:

(1) The name and location of the facility; [19.5.2(a)(1), 19.5.4(a)(1)]

(2) The name, address and telephone number of the person responsible for the facility; [19.5.2(a)(2), 19.5.4(a)(2)]

(3) The name and identification number of each coating, as applied, on each coating line or operation; [19.5.2(a)(4), 19.5.4(a)(4)]

(4) For daily-weighted averaging:

(a) The instrument or method by which the permittee will accurately measure or calculate the volume of each coating (excluding water), as applied, used each day on each emission unit; [19.5.2(a)(5)]

(b) The method by which the permittee will create and maintain records each day as required by Subsection 19.5.2(c) of APC Regulation 19; and [19.5.2(a)(6)]

(c) The time at which the facility's day begins if a time other than midnight local time is used to define a day. [19.5.2(a)(7)]

(5) For control devices

(a) The name and identification number of each coating, as applied, on each coating line or operation; [19.5.4(a)(4)]

(b) The mass of VOC per volume coating solids applied and the gallons of solids of each coating applied; [19.5.4(a)(5)]

(c) Identification of each control device which will be or has been installed and date of installation; [19.5.4(a)(6)]

(d) Identification of coating lines which will be controlled by each control device and documentation of expected capture and destruction efficiency or reduction efficiency; and [19.5.4(a)(7)]

(e) Control device design information;

(i) For thermal incinerators - design combustion temperature (^{o}F); [19.5.4(a)(8)(i)]

(ii) For catalytic incinerators - design exhaust gas temperature (^{o}F), design temperature rise across catalyst bed (^{o}F), anticipated frequency of catalyst change, and catalyst changes; [19.5.4(a)(8)(ii)]

(iii) For condensers - design inlet temperature of cooling medium (^{o}F), design exhaust gas temperature (^{o}F); and [19.5.4(a)(8)(iii)]

(iv) For carbon adsorbers - design pressure drop across the adsorber, VOC concentration at breakthrough. [19.5.4(a)(8)(iv)]

(6) Information describing the effect of the change on the emissions of any air contaminant. [9.2.1]

(7) A demonstration that emissions from the stationary source will not cause an increase in the ground level ambient concentration at or beyond the property line in excess of that allowed by APC Regulation No.22. [22.3.3(a)] **Not Federally Enforceable**

E. Requirements for Emission Units P004, P005, P008, P009, P010, P011 and P012

The following requirements are applicable to:

- Emission unit P004, which consists of Wire Winding Machines.
- Emission unit P005, which consists of Single Wire Machines
- Emission units P008 – P012, which consists of the Bandlines and associated drying ovens.
- Emission units P004, P005 and P008 – P012 are associated with C001, which is a 17.0 MMBTU/hr (max) REECO – Research Cottrell Thermal Oxidizer, Model No. Re – Therm VFW Afterburner, which burns natural gas.

1. Emission Limitations

a. Wire Wheels (P004)

(1) The overall control efficiency of C001 shall be at least 88 percent. This is to be achieved through a combination of 93 percent capture of the VOC generated by P004 and a 95 percent destruction of this VOC in C001. [Approval Nos. 1246, 1400 – 1404(A)(1)(a), 19.3.2(a)]

(2) The use of coatings containing VOC greater than 39.9 lbs. per gallon of solids applied should have the prior approval of the Office of Air Resources. An overall efficiency of 88 percent would allow the use of adhesives containing 39.9 lbs. VOC per gallon of solids applied and still maintain emissions below the equivalent of 4.79 lbs. VOC per gallon of solids applied. [Approval Nos. 1246, 1400 – 1404(A)(1)(b), 19.3.1]

b. Single Wire Machines (P005)

(1) The overall control efficiency of C001 shall be at least 86 percent. this is to be achieved through a combination of 90 percent capture of the VOC generated by P005 and a 95 percent destruction of this VOC in C001. [Approval Nos. 1246, 1400 – 1404(A)(2)(a), 19.3.2(a)]

(2) The use of coatings containing VOC greater than 36.1 lbs. per gallon of solids applied should have the prior approval of the Office of Air Resources. An overall efficiency of 86 percent would allow the use of adhesives containing 36.1 lbs. VOC per gallon of solids applied and still maintain emissions below the equivalent of 5.06 lbs. VOC per gallon of solids applied. [Approval Nos. 1246, 1400 – 1404(A)(2)(b), 19.3.1]

(3) The total quantity of VOC applied to P005 shall not exceed 3.4 lbs. per hour and 2482 lbs. per month (12 month rolling average). [Approval Nos. 1246, 1400 – 1404(A)(4)]

(4) The total quantity of VOC emissions from P005 shall not exceed 0.48 lbs./hr. [Approval Nos. 1244, 1400 – 1404(A)(5)]

c. Bandlines (P008, P009, P010, P011 and P012)

(1) The overall control efficiency of C001 shall be at least 93 percent. This is to be achieved through a combination of 98 percent capture of the VOC generated by P008 – P012 and a 95 percent destruction of this VOC in C001. [Approval Nos. 1246, 1400 – 1404(A)(3)(a), 19.3.2(a)]

(2) The VOC content of all coatings used on P008-P012 shall not exceed 3.0 lbs of VOC per gallon coating (minus water). [Approval Nos. 1246, 1400 – 1404(A)(3)(b), 19.3.1]

d. The total, combined quantity of VOC emissions from P004, P005, P008, P009, P010, P011 and P012 shall not exceed 8,500 lbs per month (12 month rolling average). [Approval Nos. 1246, 1400 – 1404(A)(6)]

2. Operating Requirements

a. The operating temperature of C001 shall be maintained at or above 1500°F whenever VOC is being discharged to C001. [Approval Nos. 1246, 1400 – 1404(B)(1)]

b. C001 shall be equipped with an interlock to prevent operation of the process equipment if the operating temperature of C001 is less than 1500°F. [Approval Nos. 1246, 1400 – 1404(B)(2)]

c. All cleaning of emission units P004, P005 and P008 – P012 with VOC containing material shall be conducted with the emission capture system operating. VOC emissions generated during cleaning shall be captured and contained and discharged through C001 for destruction. [Approval Nos. 1246, 1400 – 1404(B)(3)]

d. Operation of P004, P005 and P008-P012 shall be governed by an electronic control system that regulates the hourly hydrocarbon loading to C001. The electronic control system shall ensure that the quantity of hydrocarbons discharged to C001 will not exceed 500 pounds per hour. The electronic control system shall operate consistent with the representation provided to the Office of Air Resources on June 18, 2002. [Approval Nos. 1246, 1400, 1404(B)(4)]

e. The total airflow from P004, P005 and P008 – P012 shall not exceed C001 inlet design capacity of 30,000 scfm. [Approval Nos. 1246, 1400 – 1404(B)(5)]

f. Operation of P004, P005 and P008-P012 shall be governed by an electronic control system that regulates total air flow discharged to C001. The

electronic control system shall ensure that the total air flow discharged to C001 will not exceed 30,000 scfm. The electronic control system shall operate consistent with the representation provided to the Office of Air Resources on June 18, 2002. [Approval Nos. 1246, 1400 – 1404(B)(6)]

g. C001 shall be operated and maintained according to its design specifications and in a manner consistent with good air pollution control practices for minimizing emissions. [16.1]

h. The permittee shall shut down P004, P005 and/or P008-P012 in the event of a malfunction of C001 that results in, or that could result in, emissions in excess of the permit limits. The unit(s) shall remain shutdown until the malfunction has been identified and corrected. [Approval Nos. 1246, 1400 – 1404(F)(2)]

i. There shall be no by passing of C001 during times when VOC is being discharged to the device. [Approval Nos. 1246, 1400 – 1404(F)(3)]

j. At least 90%, 93%, 98% of the toluene emissions associated with adhesives used on the single wire machines, wire wheels and bandlines, respectively, shall be captured and directed to a thermal oxidizer and reduced by at least 95% before being discharged to the atmosphere. At least 90% of the dioctyl phthalate emissions associated with adhesives used on the single wire machines shall be captured and directed to C001 and reduced by at least 95% before discharged to the atmosphere. [Air Toxics Approval No. 1438/03(B)(7)(8)] **Not Federally Enforceable**

k. The emission characteristics of all sources of listed air toxics from this facility shall be consistent with the parameters used in the air quality modeling to determine the increase in the ground level ambient concentration of those pollutants.

A summary of these emission characteristics is as follows:

Pollutant emissions from C001 are discharged through a stack with a height of 40 feet above grade, an exit diameter of 42 inches, a flow rate of 20,000 to 30,000 cfm (maximum), and an exit temperature that is approximately 285^{o}F. [Air Toxics Approval No. 1438/03(B)(13)] **Not Federally Enforceable**

l. A minimum airflow of 6,000 scfm shall be directed to C001 whenever it is operating with process equipment discharging VOC in the operating mode. [Approval Nos. 1246, 1400 – 1404(B)(7)]

m. Malfunctions

(1) Malfunction means a sudden and unavoidable breakdown of process

or control equipment. In the case of a malfunction of C001, all reasonable measures shall be taken to assure resumption of the designed control efficiency as soon as possible. In the event that the malfunction of C001 is expected or may reasonably be expected to continue for longer than 24 hours and if the permittee wishes to operate P004, P005 and/or P008-P012 on which it is installed at any time beyond that period, the Director shall be petitioned for a variance under Section 23-23-15 of the General Laws of Rhode Island, as amended. Such petition shall include, but is not limited to, the following: [16.2, Approval Nos. 1246, 1400 – 1404(G)(1)]

(a) Identification of the specific air pollution control system (i.e. C001) and source on which it is installed (i.e. P004, P005 and/or P008-P012); [16.2(a), Approval Nos. 1246, 1400 – 1404(G)(1)(a)]

(b) The expected period of time that the air pollution control system will be malfunctioning or out of service; [16.2(b), Approval Nos. 1246, 1400 – 1404(G)(1)(b)]

(c) The nature and quantity of air contaminants likely to be emitted during said period; [16.2(c), Approval Nos. 1246, 1400 – 1404(G)(1)(c)]

(d) Measures that will be taken to minimize the length of said period; [16.2(d), Approval Nos. 1246, 1400 – 1404(G)(1)(d)]

(e) The reasons that it would be impossible or impractical to cease the source operation during said period. [16.2(e), Approval Nos. 1246, 1400 – 1404(G)(1)(e)]

(2) The permittee may seek to establish that a malfunction of C001 that would result in noncompliance with any terms of Section I.E. of this permit or any other applicable air pollution control rules and regulations was due to unavoidable increases in emissions attributable to the malfunction. To do so, the permittee must demonstrate to the Office of Air Resources that: [Approval Nos. 1246, 1400 – 1404(G)(2)]

(a) The malfunction was not attributable to improper designed of C001, lack of preventative maintenance, careless or improper operation, or operator error; [Approval Nos. 1246, 1400 – 1404(G)(2)(a)]

(b) The malfunction was not part of a recurring pattern indicative of inadequate design, operation, or maintenance; [Approval

Nos. 1246, 1400 – 1404(G)(2)(b)]

(c) Repairs were performed in an expeditious fashion. Off-shift labor and overtime should be utilized, to the extent practicable, to ensure that such repairs were completed as expeditiously as practicable. [Approval Nos. 1246, 1400 – 1404(G)(2)(c)]

(d) All possible steps were taken to minimize emissions during the period of time that the repairs were performed. [Approval Nos. 1246, 1400 – 1404(G)(2)(d)]

(e) Emissions during the period of time that the repairs were performed will not: [Approval Nos. 1246, 1400 – 1404(G)(2)(e)]

(i) Cause an increase in the ground level ambient concentration at or beyond the property line in excess of that allowed by Air Pollution Control Regulation No. 22 and any Calculated Acceptable Ambient Levels; and [Approval Nos. 1246, 1400 – 1404(G)(2)(e)(1)]

(ii) Cause or contribute to air pollution in violation of any applicable state or national ambient air quality standard. [Approval Nos. 1246, 1400 – 1404(G)(2)(e)(2)]

(f) The reasons that it would be impossible or impractical to cease the source operation during said period. [Approval Nos. 1246, 1400 – 1404(G)(2)(f)]

(g) The permittee's action in response to the excess emissions were documented by properly signed, contemporaneous operating logs or other relevant evidence. [Approval Nos. 1246, 1400 – 1404(G)(2)(g)]

This demonstration must be provided to the Office of Air Resources, in writing, within two working days of the time when the malfunction occurred and contain a description of the malfunction, any steps taken to minimize emissions and corrective actions taken.

The permittee shall have the burden of proof in seeking to establish that noncompliance was due to unavoidable increases in emissions attributable to the malfunction. [Approval Nos. 1246, 1400 –

1404(G)(2)]

3. Monitoring Requirements

a. The operating temperature of C001 shall be continuously monitored. [Approval Nos. 1246, 1400 – 1404(C)(1)]

b. The motor speed, in percent of maximum, and motor current, in percent of maximum, for the ID fan located downstream of C001 shall be continuously monitored. [Approval Nos. 1246, 1400 – 1404(C)(2)]

4. Testing Requirements

a. Control efficiency of C001 will be determined using USEPA Reference Method 25 or other methods approved by the Director and USEPA. Continuous compliance will be maintained at all times. Compliance averaging times will be three hours. Once the control efficiency has been determined by Reference Method 25, or any alternative method approved by the Office of Air Resources and USEPA, compliance shall be determined on an instantaneous basis time period (e.g. determined control efficiency shall be used to calculate whether samples from the process meet the applicable emissions limit.) [19.7.3]

b. Within 180 days of the issuance of preconstruction permit No. 1246, 1400-1404, the permittee must conduct emission testing of C001 to demonstrate compliance with the 95 percent destruction efficiency requirement. [Approval Nos. 1246, 1400 – 1404(D)(1)]

c. Within 180 days of start-up of the fifth bandline, the permittee must conduct emission testing of C001 to demonstrate compliance with the 95 percent destruction efficiency requirement. [Approval Nos. 1246, 1400 – 1404(D)(2)]

d. A stack testing protocol shall be submitted to the Office of Air Resources for review and approval prior to the performance of any stack tests. The permittee shall provide the Office of Air Resources at least 60 days prior notice of any stack test. [Approval Nos. 1246, 1400 – 1404(D)(3)]

e. All test procedures used for stack testing shall be approved by the Office of Air Resources prior to the performance of any stack tests. [Approval Nos. 1246, 1400 – 1404(D)(4)]

f. The permittee shall install any and all test ports or platforms necessary to conduct the required stack testing, provide safe access to any platforms provide the necessary utilities for sampling and testing equipment. [Approval

Nos. 1246, 1400 – 1404(D)(5)]

g. All testing shall be conducted under operating conditions deemed acceptable and representative for the purpose of assessing compliance with the applicable emission limitations. [Approval Nos. 1246, 1400 – 1404(D)(6)]

h. A final report of the results of stack testing shall be submitted to the Office of Air Resources no later than 60 days following completion of testing. [Approval Nos. 1246, 1400 – 1404(D)(7)]

i. All stack testing must be observed by the Office of Air Resources or its authorized representatives to be considered acceptable. [Approval Nos. 1246, 1400 – 1404(D)(8)]

5. Recordkeeping Requirements

a. The permittee shall collect, record and maintain the following information each month for P004, P005, P008 – P012 and C001:

(1) The name and identification number of each coating used on P004, P005 and P008 – P012, [19.5.4(c)(1), Approval Nos. 1246, 1400 – 1404(E)(1)(a)]

(2) The mass of VOC per unit volume of coating solids, as applied the volume solids content, as applied, of each coatings used on P004, P005 and P008 – P012, [19.5.4(c)(3)(i), Approval Nos. 1246, 1400 – 1404(E)(1)(b)]

(3) The type and amount of solvent used for diluents and clean up operations, [19.5.4(c)(4), Approval Nos. 1246, 1400 – 1404(E)(1)(c)]

(4) The average daily adhesive usage for P004, P005 and P008 – P012 (daily adhesive usage to be back-calculated based on monthly usage), [Approval Nos. 1246, 1400 – 1404(E)(1)(d)]

(5) A log of operating time for the capture system, C001, monitoring equipment and P004, P005 and P008 – P012, [19.5.4(c)(5), Approval Nos. 1246, 1400 – 1404(E)(1)(e)]

(6) A maintenance log for the capture system, C001, and monitoring equipment detailing all routine and non-routine maintenance performed including dates and duration of any outages, [19.5.4(c)(6), Approval Nos. 1246, 1400 – 1404(E)(1)(f)]

(7) All 3-hour periods of operation in which the average combustion temperature was more than 50°F below the average combustion temperature during the most recent performance test that demonstrated that the facility was in compliance, and [19.4.5(c)(7)(i), Approval Nos. 1246, 1400 – 1404(E)(1)(g)]

(8) Twice-a-day readings of the ID fan motor current and the operating temperature of C001 shall be continuously recorded. [19.5.4(c)(7)(ii), Approval Nos. 1246, 1400 – 1404(E)(1)(h):(C)(1)]

6. Reporting Requirements

a. The permittee shall notify the Director of any record showing noncompliance with the applicable requirements for C001 by sending a copy of such record to the Director within 30 calendar days following that use. [19.5.4(d)(1)]

b. The permittee shall, before changing the method of compliance from control devices to daily-weighted averaging or complying coatings, shall submit a Compliance Certification Plan to the Office of Air Resources for review and approval. Such plan shall include: [Approval Nos. 1246, 1400 – 1404(E)(9)]

(1) The name and location of the facility; [19.5.2(a)(1), 19.5.3(a)(1), Approval Nos. 1246, 1400 – 1404(E)(9)(a)]

(2) The name, address and telephone number of the person responsible for the facility; [19.5.2(a)(2), 19.5.3(a)(2), Approval Nos. 1246, 1400 – 1404(E)(9)(b)]

(3) The name and identification number of each coating, as applied, on each coating line or operation; [19.5.2(a)(4), 19.5.3(a)(4), Approval Nos. 1246, 1400 – 1404(E)(9)(c)]

(4) For daily-weighted averaging:

(a) The instrument or method by which the permittee will accurately measure or calculate the volume of each coating (excluding water), as applied, used each day on each emission unit; [19.5.2(a)(5), Approval Nos. 1246, 1400 – 1404(E)(9)(d)(1)]

(b) The method by which the permittee will create and maintain records each day as required by Subsection 19.5.2(c) of APC Regulation 19; and [19.5.2(a)(6), Approval Nos. 1246, 1400 – 1404(E)(9)(d)(2)]

(c) The time at which the facility's day begins if a time other than midnight local time is used to define a day. [19.5.2(a)(7), Approval Nos. 1246, 1400 – 1404(E)(9)(d)(3)]

(5) For complying coatings

(a) The name and identification number of each coating, as applied, on each coating line or operation; [19.5.3(a)(4), Approval Nos. 1246, 1400 – 1404(E)(9)(e)(1)]

(b) The mass of VOC per volume coating (excluding water) and the volume of each coating (excluding water), as applied, and [19.5.3(a)(5), Approval Nos. 1246, 1400 – 1404(E)(9)(e)(2)]

(6) Information describing the effect of the change on the emissions of any air contaminant. [9.2.1, Approval Nos. 1246, 1400 – 1404(E)(9)(f)]

(7) A demonstration that emissions from the stationary source will not cause an increase in the ground level ambient concentration at or beyond the property line in excess of that allowed by APC Regulation No. 22. [22.3.3(a), Approval Nos. 1246, 1400 – 1404(E)(9)(g)]

c. The permittee shall notify the Office of Air Resources no latter than 24 hours after an exceedance of any emission limitation is discovered. Notification shall include: [Approval Nos. 1246, 1400-1404(E)(6)]

(1) Identification of the emission exceeded

(2) Suspected reason for the exceedance

(3) Corrective action taken or to be taken

(4) Anticipated length of the exceedance.

d. The permittee shall, on a monthly basis, no later than 10 days after the first day of each succeeding month, determine the total, combines quantity of VOC emissions from P004, P005 and P008 – P012 for the previous 12 months and determine the lbs of VOC emitted per month (12 month rolling average). The permittee shall keep records of this determination and provide such records to the Office of Air Resources upon request. [Approval Nos.

1246, 1400-1404(E)(2)]

e. The permittee shall notify the Office of Air Resources, within 5 business days, whenever the total, combined quantity of VOC emissions from the P004, P005 and P008 – P012 exceeds 8,500 lbs per month (12 month rolling average). [Approval Nos. 1246, 1400-1404(E)(3)]

f. The permittee shall notify the Office of Air Resources, within 5 business days of discovery, whenever the total airflow discharged to C001, as reviewed on a monthly basis, exceeds 30,000 scfm. [Approval Nos. 1246, 1400-1404(E)(4)]

g. The permittee shall notify the Office of Air Resources, within 5 business days of discovery, whenever the total quantity of hydrocarbons discharged to C001, as reviewed on a monthly basis, exceeds 500 lbs per hour. [Approval Nos. 1246, 1400-1404(E)(5)]

h. The permittee shall notify the Office of Air Resources of any anticipated noncompliance with the terms of Section I.E. of this permit or any other applicable air pollution control rules and regulations. [Approval Nos. 1246, 1400-1404(E)(7)]

i. The permittee shall notify the Office of Air Resources in writing of the date of actual start-up of any new bandline and removal of the existing wire wheels no later than 15 days after such date. [Approval Nos. 1246, 1400 – 1404(E)(8)]

7. Other Requirements

a. To the extent consistent with the requirements of Section I.E. of this permit and applicable federal and state laws, the equipment shall be operated in accordance with the representation of the equipment in the preconstruction permit application. [Approval Nos. 1246, 1400 – 1404(F)(1)]

b. At all times, including periods of startup, shutdown and malfunction, the permittee shall, to the extent practicable, maintain and operate the facility in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the

Office of Air Resources which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures and inspection of the source. [Approval Nos. 1246, 1400 – 1404(F)(5)]

F. Requirements for Emission Unit T004

The following requirements are applicable to:

- Emission unit T004, which consists of Cyclesolve remote reservoir degreasers, Model No. 34 or equivalent.

1. Operating Requirements

a. Covers and dipping/rotating baskets shall be constructed of nonporous or nonabsorbent material. Covers must form a tight seal with the sides of T004 and have no gaps or holes. [36.4.1]

b. When the cover of T004 is open, drafts at the same elevation as the tanks lip must not be greater than 40 m/min. (130 ft/min.) when measured 1 to 2 meters (3 to 7 feet) upwind. [36.4.2]

c. Leaks shall be repaired immediately or T004 shall be shut down [36.4.3]

d. Equipment used in T004 shall display a conspicuous summary of proper operating procedures consistent with minimizing emissions of organic solvents. [36.4.4]

e. Any solvent spray must be a solid, fluid stream which is delivered at a pressure no greater than 10 pounds per square inch (psi) and which does not cause excessive splashing. [36.4.5]

f. Spills shall be wiped up immediately. The wipe rags shall be stored in covered containers. [36.4.6]

g. Porous or absorbent materials, such as sponges, fabrics, wood, or paper products, shall not be cleaned in T004. [36.4.7]

h. Parts baskets or parts shall be drained under the cover and shall not be removed from T004 for at least 15 seconds or until dripping ceases and the pieces are visually dry, whichever is longer. [36.4.8]

i. Parts with cavities or blind holes shall be tipped or rotated while draining before removed from the vapor zone. [36.4.9]

j. Parts shall be oriented for best drainage. [36.4.10]

k. When solvent is added to or drained from T004, the solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface. [36.4.11]

l. Solvent, waste solvent, still bottoms, and sump bottoms shall be stored in covered containers and waste solvent transferal or disposal shall not allow greater than 20 percent of the waste solvent (by weight) to evaporate into the atmosphere. [36.4.12]

m. T004 shall be maintained as recommended by the manufacturer of the equipment. [36.4.13]

n. Operators must receive training in proper solvent cleaning procedures and, if requested by representatives of the Office of Air Resources or the USEPA during an inspection, shall complete and pass the applicable sections of the test on those procedures as shown in Appendix A of APC Regulation No. 36. [36.4.14]

o. T004 shall be equipped with an attached cover that can be operated easily with one hand. The covers shall be closed at all times except during parts entry and removal. [36.5.1]

p. T004 shall be equipped with a tight fitting cover that is kept closed at all times except during the cleaning of parts. [36.5.2]

q. A freeboard ratio greater than or equal to 0.75 shall be used to control solvent emissions from T004. [36.5.3]

r. If a flexible hose or flushing device is used, flushing shall be performed only within the freeboard zone of T004. [36.5.4]

2. Recordkeeping Requirements

a. The permittee shall maintain the following records:

(1) Training provided to operators of T004 for the lifetime of the units, [36.10.4]

(2) The amount and type of solvent used in T004 for each year, and [36.10.4(a)]

(3) The date and type of each equipment malfunction or leak and the date the malfunction or leak is repaired. [36.10.4(b)]

G. Requirements for Emission Units T005

The following requirements are applicable to:

- Emission unit T005, which consist of batch cold cleaning units using aqueous

based cleaner.

1. Operating Requirements

a. Covers and dipping/rotating baskets shall be constructed of nonporous or nonabsorbent material. Covers must form a tight seal with the sides of T005 and have no gaps or holes. [36.4.1]

b. When the cover of T005 is open, drafts at the same elevation as the tanks lip must not be greater than 40 m/min. (130 ft/min.) when measured 1 to 2 meters (3 to 7 feet) upwind. [36.4.2]

c. Leaks shall be repaired immediately or T005 shall be shut down [36.4.3]

d. Equipment used in T005 shall display a conspicuous summary of proper operating procedures consistent with minimizing emissions of organic solvents. [36.4.4]

e. Spills shall be wiped up immediately. The wipe rags shall be stored in covered containers. [36.4.6]

f. Porous or absorbent materials, such as sponges, fabrics, wood, or paper products, shall not be cleaned in T005. [36.4.7]

g. Parts baskets or parts shall be drained under the cover and shall not be removed from T005 for at least 15 seconds or until dripping ceases and the pieces are visually dry, whichever is longer. [36.4.8]

h. Parts with cavities or blind holes shall be tipped or rotated while draining before removed from the vapor zone. [36.4.9]

i. Parts shall be oriented for best drainage. [36.4.10]

j. When solvent is added to or drained from T005, the solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface. [36.4.11]

k. Solvent, waste solvent, still bottoms, and sump bottoms shall be stored in covered containers and waste solvent transferal or disposal shall not allow greater than 20 percent of the waste solvent (by weight) to evaporate into the atmosphere. [36.4.12]

l. T005 shall be maintained as recommended by the manufacturer of the equipment. [36.4.13]

m. Operators must receive training in proper solvent cleaning procedures and, if requested by representatives of the Office of Air Resources or the USEPA during an inspection, shall complete and pass the applicable sections of the test on those procedures as shown in Appendix A of APC Regulation No. 36. [36.4.14]

n. T005 shall be equipped with an attached cover that can be operated easily with one hand. The covers shall be closed at all times except during parts entry and removal. [36.5.1]

o. T005 shall be equipped with a tight fitting cover that is kept closed at all times except during the cleaning of parts. [36.5.2]

p. The permittee has demonstrated equivalent control to the 0.75 freeboard requirement contained in APC Regulation No. 36 through the use of an aqueous based cleaning solution. [36.5.3(c), Letter dated 25 March 2002 from Donald Whitaker Office of Air Resources to James Erasmus Stanley Fastening Systems]

q. If a flexible hose or flushing device is used, flushing shall be performed only within the freeboard zone of T005. [36.5.4]

r. When an air or pump-agitated solvent bath is used, the agitator shall be operated so that a rolling motion of the solvent is produced and splashing against the tank or parts being cleaned does not occur. [36.5.5]

s. The height of the solvent in T005 shall not exceed the manufacturer's fill-line for that machine. [36.5.6]

2. Recordkeeping Requirements

a. The permittee shall maintain the following records:

(1) Training provided to operators of T005 for the lifetime of the units, [36.10.4]

(2) The amount and type of solvent used in T005 for each year, and [36.10.4(a)]

(3) The date and type of each equipment malfunction or leak and the date the malfunction or leak is repaired. [36.10.4(b)]

H. Requirements for Emission Units P013-P041

The following requirements are applicable to:

- Emission units P013-P041 which consists of 18 coil welders and 11 stick collators. Nails are formed from wire using press machines. The nails are then collated on a track and welded together using wire into coils or sticks, the welding wire is incorporated as part of the product to hold the nails in place. Following collating and welding the nails are coated.

1. Emission Limitations

a. The VOC content of all coatings used on P013-P041 shall not exceed 3.0 lbs of VOC per gallon of coating (minus water). [Approval Nos. 1613-1641(A)(1), 19.3.1, 19.3.2(b)]

b. The total, combined quantity of VOC emissions from P013-P041 shall not exceed 1,650 lbs per month (12 month rolling average). [Approval Nos. 1613-1641(A)(2)]

2. Testing Requirements

a. Compliance with the coating emission limitations contained in Condition I.H.1.a of this permit shall be demonstrated in accordance with 40 CFR 60, Appendix A, Methods 24, 24A as amended or any other USEPA approved method which has been accepted by the Director. A one-hour bake time
shall be used for Methods 24 and 24A, which apply to multi-component coatings. [Approval Nos. 1613-1641(B)(1), 19.7.1]

3. Recordkeeping Requirements

a. The permittee shall collect, record and maintain the following information each month for P013-P041: [Approval Nos. 1613-1641(C)(1), 19.5.3(c)]

(1) The name and identification number of each coating, as applied, on P013-P041. [Approval Nos. 1613-1641(C)(1)(a), 19.5.3(c)(1)]

(2) The VOC content of each coating, in pounds of VOC per gallon of coating minus water, as applied. [Approval Nos. 1613-1641(C)(1)(b), 19.5.3(c)(2)]

(3) The type and amount of solvent used for diluents and clean up operations. [Approval Nos. 1613-1641(C)(1)(c), 19.5.3(c)(3)]

b. The permittee shall, on a monthly basis, no later than 10 days after the first day of each succeeding month, determine the total, combined quantity of VOC emissions from P013-P041 for the previous 12 months and determine the lbs of VOC emitted per month (12 month rolling average). The permittee shall keep records of this determination and provide such records to the Office of Air Resources upon request. [Approval Nos. 1613-1641(C)(2)]

4. Reporting Requirements

a. The permittee shall notify the Director of any record showing use of any non-complying coatings by sending a copy of such record to the Director within 30 calendar days following that use. [19.5.3(d)(1)]

b. The permittee, before changing the method of compliance from complying coatings to daily weighted averaging or control devices, shall submit a Compliance Certification Plan to the Office of Air Resources for review and approval. Such plan shall include: [Approval Nos. 1613-1641(C)(7)]

(1) The name and location of the facility; [Approval Nos. 1613-1641(C)(7)(a), 19.5.2(a)(1), 19.5.4(a)(1)]

(2) The name, address, telephone number of the person responsible for the facility; [Approval Nos. 1613-1641(C)(7)(b), 19.5.2(a)(2), 19.5.4(a)(2)]

(3) The name and identification number of the emission units which will comply by means of daily-weighted averaging or control device; [Approval Nos. 1613-1641(C)(7)(c), 19.5.2(a)(4), 19.5.4(a)(4)]

(4) For daily-weighted averaging:

(a) The instrument or method by which the permittee will accurately measure or calculate the volume of each coating (excluding water), as applied, used each day on each emission unit; [Approval Nos. 1613-1641(C)(7)(d)(1), 19.5.2(a)(5)]

(b) The method by which the permittee will create and maintain records each day as required by Subsection 19.5.2(c) of APC Regulation No. 19; [Approval Nos. 1613-1641(C)(7)(d)(2), 19.5.2(a)(6)]

(c) The time at which the facility's day begins if a time other

than midnight local time is used to define a day; [Approval Nos. 1613-1641(C)(7)(d)(3), 19.5.2(a)(7)]

(5) For control devices:

(a) The name and identification number of each coating, as applied, on each coating line or operation; [Approval Nos. 1613-1641(C)(7)(e)(1), 19.5.4(a)(4)]

(b) The mass of VOC per volume coating solids applied and the gallons of solids of each coating applied; [Approval Nos. 1613-1641(C)(7)(e)(2), 19.5.4(a)(5)]

(c) Identification of each control device which will be or has been installed and date of installation; [Approval Nos. 1613-1641(C)(7)(e)(3), 19.5.4(a)(6)]

(d) Identification of coating lines which will be controlled by each control device and documentation of expected capture and destruction efficiency or reduction efficiency; [Approval Nos. 1613-1641(C)(7)(e)(4), 19.5.4(a)(7)]

(e) Control device design information; Approval Nos. 1613-1641(C)(7)(e)(5),

(i) For thermal incinerators-design combustion temperature (^{o}F) [Approval Nos. 1613-1641(C)(7)(e)(5)(a), 19.5.4(a)(8)(i)];

(ii) For catalytic incinerators - design exhaust gas temperature (^{o}F), design temperature rise across catalyst bed (^{o}F), anticipated frequency of catalyst change, and catalyst changes; [Approval Nos. 1613-1641(C)(7)(e)(5)(b), 19.5.4(a)(8)(ii)]

(iii) For condensers - design inlet temperature of cooling medium (^{o}F), design exhaust gas temperature (^{o}F); [Approval Nos. 1613-1641(C)(7)(e)(5)(c), 19.5.4(a)(8)(iv)]

(iv) For carbon adsorbers - design pressure drop across the adsorber, VOC concentration at breakthrough. [Approval Nos. 1613-1641(C)(7)(e)(5)(d), 19.5.4(a)(8)(iv)]

(6) Information describing the effect of the change on the emissions of

any air contaminant. [Approval Nos. 1613-1641(C)(7)(f), 9.2.1]

(7) A demonstration that emissions from the stationary source will not cause an increase in the ground level ambient concentration at or beyond the property line in excess of that allowed by APC Regulation No. 22. [Approval Nos. 1613-1641(C)(7)(g), 22.3.3(a)]

c. The permittee shall notify the Office of Air Resources whenever the total combined quantity of VOC emissions from P013-P041 exceeds 1,650 lbs per month (12 month rolling average). [Approval Nos. 1613-1641(C)(3)]

d. The permittee must notify the Office of Air Resources no later than 24 hours after any exceedance of any emission limitation is discovered. Notification shall include: [Approval Nos. 1613-1641(C)(4)]

(1) Identification of the emission exceeded.

(2) Suspected reason for the exceedance.

(3) Corrective action taken or to be taken.

(4) Anticipated length of the exceedance.

e. The permittee shall notify the Office of Air Resources of any anticipated noncompliance with the terms of Section I.H of this permit or any other applicable air pollution control rules and regulations. [Approval Nos. 1613-1641(C)(5)]

5. Other Requirements

a. To the extent consistent with the requirements of Section I.H of this permit and applicable federal and state laws, the facility shall be operated in accordance with the representation of the facility in the permit application. [Approval Nos. 1613-1641(D)(1)]

I. Requirements for Emission Unit D001

The following requirements are applicable to:

- Emission unit D001, which is a Finishing Equipment Inc., vapor degreaser, Model No. AF-2D-SP.

1. Emission Limitations

a. The use of methylene chloride as an organic solvent cleaner in the equipment shall not exceed 2,875 lbs. per month (12 month rolling average). [Approval No. 1128(1), Air Toxics Permit Approval No. 1438/03(B)(2)]

2. Operating Requirements

a. General Requirements

(1) Equipment covers and dipping or rotating baskets shall be constructed of nonporous or nonabsorbent material. Covers must form a tight seal with the sides of D001 and have no gaps or holes. [36.4.1]

(2) When the cover of D001 is open, drafts at the same elevation as the tanks lip must not be greater than 40 m/min. (130 ft/min.) when measured 1 to 2 meters (3 to 7 feet) upwind. [36.4.2]

(3) Leaks shall be repaired immediately or D001 shall be shut down [36.4.3]

(4) Equipment used in D001 shall display a conspicuous summary of proper operating procedures consistent with minimizing emissions of organic solvents. [36.4.4]

(5) Spills shall be wiped up immediately. The wipe rags shall be stored in covered containers meeting the specifications in Condition I.I 2.a(10). [36.4.6]

(6) No porous or absorbent materials, such as sponges, fabrics, wood or paper products, shall be cleaned in D001. [36.4.7, 40 CFR 63.463(d)(12)]

(7) Parts baskets or parts shall be drained under the cover and shall not be removed from D001 for at least the minimum dwell time determined according to the specification s of the manufacturer of the control equipment. [36.4.8, 40 CFR 63.463(d)(5), 63.463(e)(2)(vi)(C)]

(8) Parts shall be oriented so that the solvent drains from them freely. Parts shall be oriented for best drainage and parts with cavities or blind holes shall be tipped or rotated while draining before being removed from the vapor zone. [36.4.9, 36.4.10, 40 CFR 63.463(d)(4)]

(9) When solvent is added to or drained from D001, the solvent shall be transferred using threaded or other leakproof couplings and the

end of the pipe in the solvent sump shall be located beneath the liquid solvent surface. [36.4.11, 40 CFR 63.463(d)(8)]

(10) Solvent, waste solvent, still bottoms, and sump bottoms shall be stored in covered containers and waste solvent transferal or disposal shall not allow greater than 20 percent of the waste solvent (by weight) to evaporate into the atmosphere. [36.4.12, 40 CFR 63.463(d)(11)]

(11) D001 shall be maintained as recommended by the manufacturer. [36.4.13, 40 CFR 63.463(d)(9)]

(12) Operators must receive training in proper solvent cleaning procedures and, if requested by representatives of the Office of Air Resources or the USEPA during an inspection, must complete and pass the applicable sections of the test on those procedures in Appendix A of APC Regulation No. 36. [36.4.14, 40 CFR 63.463(d)(10)]

b. Work and Operational Practices

(1) Methylene chloride shall be used only in D001. [Air Toxics Operating Permit Approval No. 1438/03(B)(1)] **Not Federally Enforceable**

(2) D001 shall be operated with the following control combination: Freeboard ratio of 1.0, reduced room draft and a superheated vapor system. [36.6.7(c), 36.6.5, 40 CFR 63.463(a)(1)(ii), 40 CFR 63.463(a)(2), 40 CFR 63.463(b)(2)(i), 40 CFR 63.463(d)(1)(ii), Letter Dated March 4, 1997 from Daniel Wise of RIDEM/OAR to Alan Cantara of Stanley Bostich]

(3) D001 shall be equipped with a cover that can be easily operated without disturbing the vapor zone and that is attached to D001. Covers must be closed at all times except during parts entry and removal. [36.6.1, 40 CFR 63.463(d)(1)(i)]

(4) D001 shall be equipped with a primary condenser. [36.6.2, 40 CFR 63.463(a)(6)]

(5) D001 shall be equipped with an automated parts handling system, such as, but not limited to, a hoist or conveyor, that maintains a vertical conveyor speed of less than 2 inches per second (10 feet per minute). [36.6.3, 36.6.17, 40 CFR 63.463(a)(3)]

(6) D001 shall be equipped with the following safety switches:

(a) A condenser flow switch and thermostat to shut off the heat to the solvent if the condenser coolant is not circulating, [36.6.4(a)]

(b) A vapor level control thermostat to shut off the heat when the vapor level rises above the height of the primary cooling coils, and [36.6.4(b), 40 CFR 63.463(a)(5)]

(c) A low solvent level safety switch to shut off the heating element if it should become exposed. [36.6.4(d), 40 CFR 63.463(a)(4)]

(7) Pieces shall be held in the vapor zone for at least 30 seconds or until condensation ceases, whichever is longer. [36.6.8]

(8) The workload shall not occupy more than half of D001's open top area. [36.6.9, 40 CFR 63.463(d)(2)]

(9) The vapor level shall not rise or drop more than 4 inches (10 cm) when the workload enters or is removed from the vapor zone. [36.6.10]

(10) D001 shall be operated so that water cannot be visually detected in the solvent exiting the water separator. [36.6.12]

(11) The exhaust ventilation rate shall not exceed 20 m^3/min per m^2 (65 cfm per ft^2) of solvent/air interface, unless necessary to meet OSHA requirements. [36.6.14]

(12) During startup of D001, the primary condenser shall be turned on before the sump heater. [36.6.15, 40 CFR 63.463(d)(6)]

(13) During shutdown of D001, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off. [36.6.16, 40 CFR 63.463(d)(7)]

(15) The permittee shall insure that all methylene chloride emissions generated from D001 are exhausted through the proposed exhaust system. [Approval No. 1128(2)]

(16) The permittee shall comply with the following requirements: [40 CFR 63.463(e)(2)(vi)]

(a) Ensure that the temperature of the solvent vapor at the center of the superheated vapor zone is at least 10^oF above the

boiling point, [36.9.4, 40 CFR 63.463(e)(2)(vi)(A)]

(b) Ensure that the manufacturer's specifications for determining the minimum proper dwell time within the superheated vapor system is followed, and [40 CFR 63.463(e)(2)(vi)(B)]

(c) Ensure that parts remain within the superheated vapor for at least the minimum proper dwell time. [40 CFR 63.463(e)(2)(vi)(C)]

(17) The permittee shall comply with the following requirements:

(a) Ensure that the flow or movement of air within D001's enclosure does not exceed 50 feet per minute at any time as measured using the procedures in Condition I.I.3.f. [40 CFR 63.463(e)(2)(ii)(A)]

(b) Establish and maintain the operating conditions under which the wind speed was demonstrated to be 50 feet per minute or less as described in Condition I.I.3.f [40 CFR 63.463(e)(2)(ii)(B)]

c. The emission characteristics of all sources of listed air toxics from this facility shall be consistent with the parameters used in the air quality modeling to determine the increase in the ground level ambient concentration of those pollutants.

A summary of these emission characteristics is as follows:

Emissions from D001 are discharged through a stack with a height of 48 feet above grade, an exit diameter of 14 inches, a flow rate of 2,600 cfm and an exit temperature that is approximately ambient temperature. [Air Toxics Approval No. 1438/03(B)(13)] **Not Federally Enforceable**

d. At all times, including periods of startup, shutdown, and malfunction, the permittee shall operate and maintain D001 in a manner consistent with good air pollution control practices for minimizing emissions at least to the levels required by this permit. [40 CFR 63.6(e)(1)(i)]

e. Malfunctions shall be corrected as soon as practicable after their occurrence [40 CFR 63.6(e)(1)(ii)]

3. Monitoring Requirements

The permittee shall monitor the following parameters:

a. The cover of D001 shall be visually inspected monthly to confirm that it is opening and closing properly, that it completely covers D001's openings when closed and that it is free of cracks, holes and other defects. [36.9.1, 40 CFR 63.466(b)(1)]

b. The speed of the automated parts handling system shall be monitored according to the following specifications: [36.9.2, 40 CFR 63.466(c)]

(1) Determine the speed by measuring the time it takes for the conveyor to travel a measured distance. The speed is the distance in inches divided by the time in seconds, or the distance in feet divided by the time in minutes, [36.9.2(a), 40 CFR 63.466(c)(1)]

(2) Monitoring shall be performed on a monthly basis. If no exceedance of the speed requirements specified in Condition I.I.2.b(5) occur in a year, then future hoist speed monitoring may be conducted on a quarterly basis, [36.9.2(b), 40 CFR 63.466(c)(2)]

(3) If a speed greater than that specified in Condition I.I.2.b(5) is measured, the automated parts handling system must be adjusted so that this specification is meet, and [36.9.2(c)]

(4) If a speed greater than that specified in Condition I.I.2.b(5) is measured while monitoring is being conducted on a quarterly basis, then monthly monitoring must be resumed until another year passes without any exceedance. [36.9.2(d), 40 CFR 63.466(c)(3)]

c. The temperature of the solvent vapor at the centroid of the superheated vapor zone shall be monitored weekly according to the following specifications:

(1) The temperature shall be monitored while D001 is operating in the idling mode, [36.9.4(a), 40 CFR 63.466(a)(2)]

(2) A thermometer or thermocouple shall be used to measure the temperature at the centroid of the superheated solvent vapor zone, and [36.9.4(b), 40 CFR 63.466(a)(2)]

(3) If the temperature at the centroid of the air blanket is less than 10°F above the solvent's boiling point, the system shall be adjusted so that this specification is met. [36.9.4(c)]

d. On a monthly basis, the actual dwell time that parts are held in the

freeboard zone above the vapor zone shall be measured. The actual dwell time shall not exceed the minimum dwell time. The minimum dwell time for D001 shall be determined according to the specifications of the manufacturer of the control equipment. [36.9.6, 36.9.6(b), 36.9.6(c), 40 CFR 63.466(b)(2)]

e. If the actual dwell time is less than the minimum dwell time determined using the applicable procedures in Condition I.I.3.d in this permit for particular part or parts basket, the automatic parts handling system must be adjusted so that this specification is met. [36.9.6(d)]

f. The permittee shall conduct a monthly visual inspection of the enclosure to determine if it is free of cracks, holes and other defects. The permittee shall also conduct a monthly monitoring test of the wind speed within the enclosure using the following procedures: [40 CFR 63.466(d)(2)]

(1) Determine the direction of the wind current in the enclosure by slowly rotating a velometer inside the entrance to the enclosure until the maximum speed is located, and [40 CFR 63.466(d)(2)(i)]

(2) Record the maximum wind speed. [40 CFR 63.466(d)(2)(ii)]

g. Alternative monitoring procedures may be used if approved by the Director and the USEPA. [36.9.8, 40 CFR 63.466(g)]

h. Safety switches must be tested semi-annually. [36.9.7]

i. Monitoring performed pursuant to section I.I.3 of this permit shall be conducted as set forth in 40 CFR 63.8 and this section [40 CFR 63.8].

4. Recordkeeping Requirements

a. The permittee shall maintain the following records in written or electronic form for the lifetime of the unit: [36.10.1, 40 CFR 63.467(a)]

(1) Owner's manuals or written maintenance and operating procedures for D001, [36.10.1(a), 40 CFR 63.467(a)(1)]

(2) Date of installation of D001 and its control devices, and [36.10.1(b), 40 CFR 63.47(a)(2)]

(3) Records of the content of each solvent used in D001, [36.10.1(c) [40 CFR 63.467(a)(5)]

(4) The minimum dwell times for D001 determined according to the

specifications of the manufacturer of the control equipment. [36.10.1(d)]

(5) Records of training provided to operators of D001. [36.10.1(e)]

b. The permittee shall maintain the following records in electronic or written form for a period of 5 years: [36.10.2, 40 CFR 63.467(b)]

(1) Amount and type of solvent used in D001 each year, [36.10.2(a), 40 CFR 63.467(b)(3)]

(2) The results of the monitoring required under Condition I.I.3 of this permit, [36.10.2(b), 40 CFR 63.467(b)(1)]

(3) Information on the actions taken to comply with, Sections I.I.3.b(3), I.I.3.c(3) and I.I.3.e of this permit. This includes records of written or verbal orders for replacement parts, a description of the repairs made and the additional monitoring conducted to demonstrate that monitored parameters have returned to acceptable levels, [36.10.2(c), 40 CFR 63.467(b)(2)]

(4) The date and type of each equipment malfunction (or leak) and the date it is repaired, [36.10.2(f)]

(5) If safety switches are activated, the date and reason why the switch was triggered, and [36.10.2(g)]

(6) The results of semiannual safety switch test. [36.10.2(h)]

c. The permittee shall, on a monthly basis, no later than five days after the first of each month, determine its methylene chloride usage from the facility. The permittee shall maintain records of this determination and provide such records to the Office of Air Resources upon request. [Approval No. 1128(4)]

d. The permittee shall record the amount of methylene chloride that is purchased and the amount that is used, on a monthly basis, in D001. [Air Toxics Operating Permit Approval No. 1438/03(C)(1)(a)] **Not Federally Enforceable**

e. The permittee shall estimate, on an annual basis, the amount of methylene chloride that is emitted into the atmosphere. [Air Toxics Operating Permit Approval No. 1438/03(C)(3)] **Not Federally Enforceable**

5. Reporting Requirements

a. Exceedances and Exceedance Reports

(1) The following occurrences are considered exceedance and must be reported on the facility's Exceedance report: [36.11.3(a)]

(a) An exceedance has occurred if the requirements in conditions I.I.2.b(5), I.I.2.b(16)(a), I.I.2.b(17)(a) or I.3.a have not been met and not corrected within 10 working days of detection. Once adjustments or repairs have been made, parameters must be re-measured to demonstrate that the parameter is within the acceptable limit. [40 CFR 63.463(e)(3)(ii), 36.11.3(a)(2)]

(b) An exceedance has occurred if the requirements in conditions I.I.2.a(7), I.I.2.b(16)(b), I.I.2.b(16)(c) or I.I.2.b(17)(b) have not been met. [40 CFR 63.463(e)(3)(i)]

(2) The permittee shall report all exceedances and all corrections and adjustments made to avoid an exceedance as specified in Condition I.I.5.a(5). [40 CFR 63.463(e)(4)]

(3) The permittee shall initially submit Exceedance reports semiannually, except when the Office of Air Resources or USEPA determines on a case – by – case basis that more or less frequent reporting is necessary. If an exceedance occurs, Exceedance reports must be submitted quarterly until a request to reduce the reporting frequency as specified in Condition I.I.5.a(6) of this permit has been approved. [36.11.3(b – c), 40 CFR 63.468(h)]

(4) The Exceedance report shall be received by the thirtieth day following the end of each exceedance reporting period. Initial reporting periods are January 1 – June 30 and July 1 – December 31. [36.11.3(d), 40 CFR 63.468(h)]

(5) Exceedance reports shall include the following information for actions taken to comply with Conditions I.I.2.a(7), I.I.2.b(5), I.I.2.b(16)(a), (b) or (c), I.I.2.b(17)(a) or (b) or I.I.3.a of this permit: [36.11.3(e), 40 CFR 63.468(h)]

(a) Records of written or verbal orders for replacement parts, a description of the repairs made, additional monitoring to demonstrate that monitored parameters have returned to acceptable levels, [36.11.3(e)(1), 40 CFR 63.468(h)(1)]

(b) If an exceedance has occurred, the reason for the exceedance and a description of the actions taken to correct

the exceedance, [36.11.3(e)(2), 40 CFR 63.468(h)(2)]

(c) If an exceedance has occurred, the dates the cleaning machine or control equipment was repaired, retested and returned to service, and [36.11.3(e)(3)]

(d) If an exceedance has not occurred or the cleaning and control equipment has not been inoperative, repaired or adjusted, this information must be stated in the report. [36.11.3(e)(4), 40 CFR 63.468(h)(3)]

(6) If the permittee is required to submit Exceedance Reports on a quarterly (or more frequent) basis, the submittal frequency may be reduced to semiannual with the Director's approval, if the following requirements are achieved: [36.11.3(f), 40 CFR 63.468(i)]

(a) The permittee has demonstrated a full year of compliance without an exceedance, and [36.11.3(f)(1), 40 CFR 63.468(i)(1)]

(b) The permittee continues to comply with the recordkeeping and monitoring requirements specified in this permit for emission unit D001. [36.11.3(f)(2), 40 CFR 63.468(i)(2)]

(c) The USEPA does not object to a reduced frequency of reporting for the permittee as provided in paragraph (e)(3)(iii) of 40 CFR 63, Subpart A (General Provisions). [40 CFR 63.468(i)(3)]

b. Annual Compliance Reports

(1) The permittee shall submit an annual report to the Office of Air Resources and USEPA by February 1 of each year for the previous calendar year. This report shall include the following: [36.11.4, 40 CFR 63.468(f)]

(a) A signed statement from the permittee stating that, "All operators of D001 have received training on the proper operation of D001 and their control devices sufficient to pass the test required in Appendix A" of APC Regulation No. 36, and [36.11.4(a), 40 CFR 63.468(f)(1)]

(b) An estimate of solvent consumption for D001 during the reporting period. [36.11.4(b), 40 CFR 63.468(f)(2)]

(2) The permittee shall submit the annual methylene chloride emissions, as part of its annual air pollution inventory report. [Air Toxics Operating Permit Approval No. 1438/03(D)(1)] **Not Federally Enforceable**

(3) The permittee shall notify the Office of Air Resources whenever its methylene chloride usage should equal or exceed 2,875 lbs. per month. [Approval No. 1128(5)]

6. Other Requirements

a. Emission unit D001 is subject to the requirements of 40 CFR 63.1-15, Subpart A, "General Provisions as indicated in Appendix C to Subpart T of 40 CFR 63." Compliance with all applicable provisions therein is required, unless otherwise stated in this permit.

b. Operation and maintenance requirements are enforceable independent of emissions limitations or other requirements in this section. [40 CFR 63.6(e)(1)(iii)]

c. Determination of whether acceptable operation and maintenance procedures are being used will be based on information available to the Office of Air Resources and the USEPA which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [40 CFR 63.6(e)(2)]

d. The Office of Air Resources and the USEPA will determine compliance with the emission limitations in this section by evaluation of the permittee's conformance with operation and maintenance requirements, including the evaluation of monitoring data, as specified in this section. [40 CFR 63.6(f)(ii)]

e. The Office of Air Resources and the USEPA will determine compliance with design, equipment, work practice, or operational emissions standards in this section by review of records, evaluation of the permittee's conformance with operation and maintenance requirements, inspection of the source, and other procedures specified in this section. [40 CFR 63.6(f)(2)(iv)]

J. Requirements for Emission Units G001 and G002

The following Requirements are applicable to:

- Emission unit G001, which is a 428 HP Caterpillar, Model No. 3406, which burns diesel fuel.

- Emission unit G002, which is a 268 HP Caterpillar, Model No. CD-200, which burns diesel fuel. Emission units G001 and G002 are emergency/standby unit.

1. Emission Limitations

a. Opacity

The permittee shall not emit into the atmosphere any air contaminant for a period or periods aggregating more than three minutes in any one hour, which is greater than or equal to 20 percent opacity. [1.2] Where the presence of uncombined water is the only reason for failure to meet this requirement, such failure shall not be a violation of this permit. [1.4]

b. Sulfur oxides

Unless the Director declares in writing after a hearing that a shortage of low sulfur fuel oil exists, the permittee shall not use or store fuel oil with a sulfur content greater than 1.0% by weight. [8.2]

2. Operating Requirements

a. G001 and G002 shall be operated only as a mechanical or electrical power source when the primary power source has been rendered inoperable. This does not include power interruptions pursuant to an interruptible power service agreement. [27.1.8]

b. G001 and G002 shall be operated less than 500 hours each, during any consecutive twelve (12) month period. If the hours of operation for either G001 and G002 exceeds 500 hours in any 12 month period, that unit shall immediately be in compliance with RACT as specified in APC Regulation No. 27. [27.2.3]

3. Monitoring Requirements

a. The permittee shall maintain a non-resetable elapsed time meter on G001 and G002 to indicate, in cumulative hours, the elapsed engine operating time. [27.6.10(b)]

4. Testing Requirements

a. Opacity

Tests for determining compliance with the opacity emission limitations specified in Condition I.J.1.a of this permit shall be performed per 40 CFR 60, Appendix A, Method 9. Additionally, all observers must qualify as per 40 CFR 60, Appendix A, Method 9. [1.3.1, 1.3.2]

b. Sulfur oxides

Compliance with the sulfur limitations contained in Condition I.J.1.b of this permit shall be determined by the procedures referenced in Condition II.U.2 of this permit.

5. Recordkeeping Requirements

a. The permittee shall on a monthly basis, no later than five (5) days after the first of each month, determine and record the hours of operation for G001 and G002 for the previous twelve (12) month period. [27.6.10(c)]

6. Reporting Requirements

a. The permittee shall notify the Office of Air Resources, in writing, whenever the hours of operation in any twelve (12) month period exceeds 500 hours for G001 or G002. [27.6.10(d)]

K. Requirements for Emissions Unit T001

The following Requirements are applicable to:

- Emission unit T001, is a 25,000 gallon Residual Oil Storage Tank. T001 is equipped with a Horizontal Fixed Roof.

1. Reporting Requirements

a. The permittee of T001 shall keep readily accessible records showing the dimension of T001 and an analysis showing the capacity of T001. [40 CFR 60.116b(b)]

b. The record required by Condition I.K.1.a of this Section shall be kept for the life of the source. [40 CFR 60.116b(a)]

L. Requirements for Emission Units P042-P045

The following requirements are applicable to:

- Emission units P042-P045, which are nail machines that form nails from wire using press machines. The nails are strung together using various assembling methods that may include plastic line and bead welding or mylar-coated paper tape. After being strung together, the nails are coated.

1. Emission Limitations

a. The VOC content of all coatings used on emission units P042-P045 shall not exceed 3.0 lbs of VOC per gallon of coating (minus water). [19.3.1, 19.3.2(b)]

2. Testing Requirements

a. Compliance with the emission limitations contained in Condition I.L.1.a of this permit shall be demonstrated in accordance with 40 CFR 60, Appendix A, Methods 24, 24A as amended or any other USEPA approved method which has been accepted by the Director. A one hour bake time shall be used for Methods 24 and 24A, which apply to multi-component coatings. [19.7.1]

3. Recordkeeping Requirements

a. The permittee shall collect, record and maintain the following information each month for emission units P042-P045: [19.5.3(c)]

(1) The name and identification number of each coating, as applied, on emission units P042-P045; [19.5.3(c)(1)]

(2) The mass of VOC per volume of each coating (excluding water), as applied, used each month on emission units P042-P045; [19.5.3(c)(2)]

(3) The type and amount of solvent used for diluents and cleanup operations. [19.5.3(c)(3)]

4. Reporting Requirements

a. The permittee shall notify the Director of any record showing use of any non-complying coatings by sending a copy of such record to the Director within 30 calendar days following that use. [19.5.3(d)(1)]

b. The permittee, before changing the method of compliance from complying coatings to daily weighted averaging or control devices, shall submit a

Compliance Certification Plan to the Office of Air Resources for review and approval. Such plan shall include: [19.5.2(a), 19.5.4(a)]

(1) The name and location of the facility; [19.5.2(a)(1), 19.5.4(a)(1)]

(2) The name, address, telephone number of the person responsible for the facility; [19.5.2(a)(2), 19.5.4(a)(2)]

(3) The name and identification number of each coating, as applied, on each coating line or operation; [19.5.2(a)(4), 19.5.4(a)(4)]

(4) For daily-weighted averaging:

(a) The instrument or method by which the permittee will accurately measure or calculate the volume of each coating (excluding water), as applied, used each day on each emission unit; [19.5.2(a)(5)]

(b) The method by which the permittee will create and maintain records each day as required by Subsection 19.5.2(c) of APC Regulation No. 19; and [19.5.2(a)(6)]

(c) The time at which the facility's day begins if a time other than midnight local time is used to define a day. [19.5.2(a)(7)]

(5) For control devices:

(a) The name and identification number of each coating, as applied, on each coating line or operation; [19.5.4(a)(4)]

(b) The mass of VOC per volume coating solids applied and the gallons of solids of each coating applied; [19.5.4(a)(5)]

(c) Identification of each control device which will be or has been installed and date of installation; [19.5.4(a)(6)]

(d) Identification of coating lines which will be controlled by each control device and documentation of expected capture and destruction efficiency or reduction efficiency; [19.5.4(a)(7)]

(e) Control device design information; [19.5.4(a)(8)]

(i) For thermal incinerators-design combustion temperature (^{o}F) [19.5.4(a)(8)(i)];

(ii) For catalytic incinerators - design exhaust gas temperature (^{o}F), design temperature rise across catalyst bed (^{o}F), anticipated frequency of catalyst change, and catalyst changes; [19.5.4(a)(8)(ii)]

(iii) For condensers - design inlet temperature of cooling medium (^{o}F), design exhaust gas temperature (^{o}F); [19.5.4(a)(8)(iii)]

(iv) For carbon adsorbers - design pressure drop across the adsorber, VOC concentration at breakthrough. [19.5.4(a)(8)(iv)]

(6) Information describing the effect of the change on the emissions of any air contaminant. [9.2.1]

(7) A demonstration that emissions from the stationary source will not cause an increase in the ground level ambient concentration at or beyond the property line in excess of that allowed by APC Regulation No. 22. [22.3.3(a)] **Not Federally Enforceable**

M. Facility-wide Requirements

1. Emission Limitations

a. Toluene emissions shall be limited to 3,850 pounds per day and 1,100,000 pounds per year. [Air Toxics Operating Permit Approval No. 1438/030(B)(4)] **Not Federally Enforceable**

b. Dioctyl phthalate emissions shall be limited to 410 pounds per day and 2,330 pounds per year. [Air Toxics Operating Permit Approval No. 1438/03(B)(6)] **Not Federally Enforceable**

c. Xylene emissions shall be limited to 10,000 pounds per year. [Air Toxics Operating Permit Approval No. 1438/03(B)(10)] **Not Federally Enforceable**

d. Styrene emissions shall be limited to 10,000 pounds per year. [Air Toxics Operating Permit Approval No. 1438/03(B)(12)] **Not Federally Enforceable**

2. Operating Requirements

a. Toluene shall be used only in painting and metal processing. [Air Toxics Operating Permit Approval No. 1438/03(B)(3)] **Not Federally Enforceable**

b. Dioctyl phthalate shall be used only as a component in adhesives. [Air Toxics Operating Permit Approval No. 1438/03(B)(5)] **Not Federally Enforceable**

c. Xylene shall be used only in painting and metal processing. [Air Toxics Operating Permit Approval No. 1438/03(B)(9)] **Not Federally Enforceable**

d. Styrene shall be used only in the nail coating process. [Air Toxics Operating Permit Approval No. 1438/03(B)(11)] **Not Federally Enforceable**

3. Recordkeeping Requirements

a. The permittee shall maintain the following records: [Air Toxics Operating Permit Approval No. 1438/03(C)(1)(b-e)] **Not Federally Enforceable**

(1) The amount of toluene-, xylene-, and styrene-containing coating material that is purchased annually,

(2) The amount of toluene-containing solvent that is used, on a daily basis, in the coating process,

(3) The amount of dioctyl phthalate-containing adhesive that is purchased annually, and

(4) The amount of dioctyl phthalate-containing adhesive that is used, on a daily basis, at the facility.

b. The permittee shall estimate, on a daily basis, the amount of toluene and dioctyl phthalate that is emitted to the atmosphere. In lieu of actual daily estimates, monthly records of material used can be used to back calculate daily emissions of toluene and dioctyl phthalate. [Air Toxics Operating Permit Approval No. 1438/03(C)(2)] **Not Federally Enforceable**

c. The permittee shall estimate, on an annual basis, the amount of toluene, dioctyl phthalate, xylene, and styrene that is emitted to the atmosphere. [Air Toxics Operating Permit Approval No. 1438/03(C)(3)] **Not Federally Enforceable**

4. Reporting Requirements

a. The permittee shall submit the estimates of maximum daily toluene and dioctyl phthalate emissions and the annual toluene, dioctyl phthalate, xylene and styrene emissions as part of its annual air pollution inventory report. [Air Toxics Operating Permit Approval No. 1438/03(D)(1)] **Not Federally Enforceable**

5. Other Requirements

a. The permittee is subject to the requirements of 40 CFR 63.1-15, Subpart A, "General Provisions" [as indicated in Table 2 to Subpart MMMM of 40 CFR 63] and 40 CFR 63, Subpart MMMM, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products. Compliance with all applicable provisions therein is required, unless otherwise stated in this permit. The permittee must comply with the standards in Subpart MMMM by 2 January 2007. [40 CFR 63.3883, 40 CFR 63.3901]

SECTION II. GENERAL CONDITIONS

A. Annual Emissions Fee Payment

The permittee shall pay an annual emissions fee as established in Air Pollution Control Regulation No. 28 "Operating Permit Fees". [29.6.8(d)]

B. Permit Renewal and Expiration

This permit is issued for a fixed term of 5 years. The permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least 12 months prior to the date of permit expiration. Upon receipt of a complete and timely application for renewal, this source may continue to operate subject to final action by the Office of Air Resources on the renewal application. In such an event, the permit shield in Condition II.Y of this permit shall extend beyond the original permit term until renewal. This protection shall cease to apply if, subsequent to a completeness determination, the applicant fails to submit by the deadline specified in writing by the Office of Air Resources any additional information identified as being needed to process the application. The application for renewal shall include the current permit number, description of permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. [29.6.8(a),29.4.2(c), 29.4.6]

C. Transfer of Ownership or Operation

This permit is nontransferable by the permittee. Future owners and operators must obtain a new operating permit from the Office of Air Resources. A change in ownership or operational control of this source is treated as an administrative permit amendment if no other change in this permit is necessary and provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the Office of Air Resources. [29.10.1(a)(4)]

D. Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege. [29.6.8(c)(4)]

E. Submissions

1. Reports, test data, monitoring data, notifications, and requests for renewal shall be submitted to :

RIDEM - Office Air Resources
Compliance Assurance Section
235 Promenade St. Room 230
Providence, RI 02908

2. Any records, compliance certifications and monitoring data required by the provisions of this permit to be submitted to USEPA shall be sent to:

USEPA Region I
Office of Environmental Stewardship
Director, Air Compliance Program
Attn: Air Compliance Clerk
One Congress St. Suite 1100 (SEA)
Boston, MA 02114 - 2023

3. Any document submitted shall be certified as being true, accurate, and complete by a responsible official. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the certification are true, accurate, and complete. [29.6.8(e)]

F. Inspection and Entry

1. Employees of the Office of Air Resources and its authorized representatives shall be allowed to enter this facility at all reasonable times for the purpose of:

   a. having access to and copying at reasonable times any records that must be kept under the conditions of this permit;

   b. inspecting at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and

   c. sampling or monitoring, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements. [RIGL 23-23-5(7), 29.6.8(f)(1-4), Approval Nos. 1246, 1400 – 1404(F)(4), Approval No. 1291(E)(2), Approval Nos. 1613-1641(D)(2)]

   Nothing in this condition shall limit the ability of the USEPA to inspect or enter the premises of the permittee under Section 114 or other provisions of the Clean Air Act.

G. Compliance

1. The permittee must comply with all conditions of this permit. Any noncompliance with a federally enforceable permit condition constitutes a violation of the Clean Air Act and is grounds for enforcement action, for permit termination, revocation and reissuance or modification, or for denial of a permit renewal application. Any

noncompliance with a permit condition designated as state only enforceable constitutes a violation of state rules only and is grounds for enforcement action, for permit termination, revocation and reissuance or modification, or for denial of a permit renewal application. [29.6.8(c)(1)]

2. For each unit at the facility for which an applicable requirement becomes effective during the permit term, the permittee shall meet such requirements on a timely basis unless a more detailed schedule is expressly required by the applicable requirement. [29.6.5(a)]

3. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [29.6.8(c)(2)]

H. Excess Emissions Due to an Emergency

As the term is used in this condition an "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of this source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes this source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. [29.6.11(b)]

Technology-based emission limits are those established on the basis of emission reductions achievable with various control measures or process changes (e.g., a new source performance standard) rather than those established to attain a health based air quality standard.

The permittee may seek to establish that noncompliance with a technology-based emission limitation under this permit was due to an emergency. To do so, the permittee shall demonstrate the affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that: [29.6.11(a) & 29.6.11(c)]

1. an emergency occurred and that the permittee can identify the cause(s) of the emergency; [29.6.11(c)(1)]

2. the permitted facility was at the time being properly operated; [29.6.11(c)(2)]

3. during the period of the emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards, or other requirements in this permit; and [29.6.11(c)(3)]

4. the permittee submitted notice of the emergency to the Office of Air Resources within 2 working days of the time when emission limitations were exceeded due to

the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. This notice fulfills the requirements of Condition II.AA.3 of this permit. [29.6.11(c)(4)]

The permittee shall have the burden of proof in seeking to establish the occurrence of an emergency. [29.6.11(d)]

I. Duty to Provide Information

The permittee shall furnish to the Office of Air Resources, within a reasonable time, any pertinent information that the Office of Air Resources may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Office of Air Resources copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. [29.6.8(c)(5)]

J. Duty to Supplement

The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the Office of Air Resources. The permittee shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit. [29.5.4]

K. Reopening for Cause

The Office of Air Resources will reopen and revise this permit as necessary to remedy deficiencies in the following circumstances:

1. Additional requirements under the Clean Air Act become applicable to a major source 3 or more years prior to the expiration date of this permit. Such a reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the expiration date of this permit, unless this permit or any of its terms and conditions has been extended. [29.6.13(a)]

2. The Office of Air Resources or the Administrator determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit. [29.6.13(c)]

3. The Office of Air Resources or the Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

[29.6.13(d)]

Reopenings shall not be initiated before a notice of intent to reopen is provided to the permittee by the Office of Air Resources at least 30 days in advance of the date that this permit is to be reopened, except that the Office of Air Resources may provide a shorter time period (but not less than 5 days) in the case of an emergency. [29.9.5(b)]

Proceedings to reopen and issue this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable. [29.9.5(a)]

All permit conditions remain in effect until such time as the Office of Air Resources takes final action. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [§70.6(a)(6)(iii)]

L. Severability Clause

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [29.6.8(b)]

M. Off-Permit Changes

1. The permittee is allowed to make certain changes that are not addressed or prohibited by this permit without a permit revision, provided that the following conditions are met: [29.11.2(a)]

    a. Each such change shall not violate any term or condition of this permit. [29.11.2(b)]

    b. Each change shall comply with all applicable requirements. [29.11.2(b)]

    c. Changes under this provision may not include changes or activities subject to any requirement under Title IV or modifications under any provision of Title I of the Clean Air Act. [29.11.2(a)]

    d. Before the permit change is made, the permittee must provide contemporaneous written notice to the Office of Air Resources and the USEPA Region I, except for changes that qualify as insignificant activities in Appendix A of APC Regulation No. 29. This notice shall describe each change, including the date, and change in emissions, pollutants emitted, and any applicable requirement that would apply as a result of the change. [29.11.2(c)]

e. The permit shield does not apply to changes made under this provision. [29.11.2(d)]

f. The permittee shall keep a record describing changes made at the stationary source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes, including any other data necessary to show compliance with applicable ambient air quality standards. The record shall reside at the permittee's facility. [29.11.2(e)]

2. Changes made pursuant to this provision shall not be exempt from the requirement to obtain a minor source permit pursuant to the requirements of Air Pollution Control Regulation No. 9, if applicable. [29.11.2(a)]

3. Changes made pursuant to this provision shall be incorporated into this permit at the time of renewal. [29.11.2(f)]

N. Section 502(b)(10) Changes

1. The permittee is allowed to make changes within this permitted facility that contravene the specific terms of this permit without applying for a permit revision, provided the changes do not exceed the emissions allowable under this permit, whether expressed therein as a rate of emissions or in terms of total emissions and are not Title I modifications. This class of changes does not include:

   a. changes that would violate applicable requirements; or

   b. changes to federally-enforceable permit terms or conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements. [29.11.1(a), 29.1.36]

2. The permittee shall provide written notice to the Office of Air Resources and the USEPA Region I of any change made under this provision. The notice must be received by the Office of Air Resources no later than fourteen (14) days in advance of the proposed changes. The notice shall include information describing the nature of the change, the effect of the change on the emission of any air contaminant, the scheduled completion date of the planned change and identify any permit terms or conditions that are no longer applicable as a result of the change. The permittee shall attach each notice to its copy of this permit. [29.11.1(a)(1), 29.11.1(a)(2)]

3. The permittee shall be allowed to make such change proposed in its notice the day following the last day of the advance notice described in paragraph 2 if the Office of Air Resources has not responded nor objected to the proposed change on or before that day. [29.11.1(b)]

4. Any permit shield provided in this permit does not apply to changes made under this

provision. If subsequent changes cause the permittee's operations and emissions to revert to those anticipated in this permit, the permittee resumes compliance with the terms and conditions of the permit, and has provided the Office of Air Resources and the USEPA with a minimum of fourteen (14) days advance notice of such changes in accordance with the provisions of paragraph 2, the permit shield shall be reinstated in accordance with terms and conditions stated in this permit. [29.11.1(c)]

5. Changes made pursuant to this provision shall be incorporated into the operating permit at the time of renewal. [29.11.1(d)]

O. Emissions Trading

No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit. [29.6.6(a)]

P. Emission of Air Contaminants Detrimental to Person or Property

The permittee shall not emit any air contaminant which either alone or in connection with other emissions, by reason of their concentration or duration, may be injurious to human, plant or animal life, or cause damage to property or which unreasonably interferes with the enjoyment of life or property. [7.1]

Q. Odors

1. The permittee shall not emit or cause to be emitted into the atmosphere any air contaminant or combination of air contaminants which creates an objectionable odor beyond the property line of this facility. [17.1]

2. A staff member of the Office of Air Resources shall determine by personal observation if an odor is objectionable, taking into account its nature, concentration, location, duration and source. [17.2]

R. Visible Emissions

1. Except as may be specified in other provisions of this permit, the permittee shall not emit into the atmosphere, from any emission unit, any air contaminant, for a period or periods aggregating more than three minutes in any one hour, which is greater

than or equal to 20 percent opacity. [1.2] Where the presence of uncombined water is the only reason for failure to meet this requirement, such failure shall not be a violation of this permit. [1.4]

2. Tests for determining compliance with the opacity limitations specified in this permit shall be performed per 40 CFR 60, Appendix A, Method 9. Additionally, all

observers must qualify as per 40 CFR 60, Appendix A, Method 9. [1.3.1, 1.3.2]

S. Open Fires

It shall be unlawful for the permittee to burn any material in an open fire, except as provided in APC Regulation No. 4, Section 4.3. [4.2]

T. Construction Permits

It shall be unlawful for the permittee to construct, install, modify or cause the construction, installation or modification of any stationary source subject to the provisions of APC Regulation No. 9 without obtaining either a minor source permit or a major source permit from the Director. [9.2.1]

U. Sulfur in Fuel

1. Except as may be specified in other provisions of this permit, unless the Director declares in writing after a hearing that a shortage of low sulfur fuel exists, the permittee shall not use or store fuel oil with a sulfur content greater than 1.0% by weight, except for use with marine vessels or motor vehicles. [8.2, 8.3.6]

2. Compliance with the sulfur in fuel limitations contained in this section shall be determined by the procedures listed below or by another method deemed equivalent by the Director and USEPA: [29.6.3(a), Approval No. 1291(C)(1)]

    a. For each shipment of fuel oil, the permittee shall obtain a certification from the fuel supplier which contains: [Approval No. 1291(C)(2)]

        (1) For distillate fuel oil: [Approval No. 1291(C)(2)(a)]

            (a) the name of the supplier [Approval No. 1291(C)(2)(a)(i)]

            (b) a statement that the oil complies with the specification for fuel oil number 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78 "Standard Specification for Fuel Oils." [Approval No. 1291(C)(2)(a)(ii), 27.6.4(a-b)]

        (2) For residual fuel oil: [Approval No. 1291(C)(2)(b)]

            (a) The name of the supplier, [Approval No. 1291(C)(2)(b)(i)]

            (b) The nitrogen and sulfur content of the oil and the ASTM method used to determine the nitrogen and sulfur content of the oil, [Approval No. 1291(C)(2)(b)(iii-iv)]

(c) The location of the oil when the sample was drawn for analysis to determine the nitrogen and sulfur content of the oil, specifically including whether the oil was sampled as delivered to the permittee or whether the sample was drawn from oil in storage at the oil suppliers/refiners facility or another location. [Approval No. 1291(C)(2)(b)(ii), 27.6.5(a-d)]

(3) For diesel fuel oil:

(a) the name of the supplier,

(b) a statement that the oil complies with the specification for diesel fuel oil grade 1-D or 2-D, as defined by the American Society for Testing and Materials in ASTM D975-03 "Standard Specification for Fuel Oils." [29.6.3]

b. As an alternative to fuel oil certification, the permittee may elect to sample the fuel oil prior to combustion. Sampling and analysis shall be conducted after each new shipment of fuel oil is received. Samples shall be collected from the fuel tank immediately after the fuel tank is filled and before any fuel oil is combusted. [27.6.6, 8.4.1(b) Approval No. 1291(C)(3), 27.6.6]

c. All fuel oil must be sampled and analyzed according to ASTM methods which have the prior approval of or are required by the Office of Air Resources. [27.6.6, 8.4.1(b)]

d. Copies of the fuel oil analysis sheets shall be maintained at the facility and be made accessible for review by the Office of Air Resources or designated personnel of the Office of Air Resources and the USEPA. These records shall include a certified statement, signed by a responsible official, that the records represent all of the fuel combusted during each quarter. [27.6.7, 29.6.4(a)(1)]

e. The Director may require, under his supervision, the collection of fossil fuel samples for the purpose of determining compliance with the sulfur limitations in this permit. Sampling and analysis of fossil fuels under Condition II.U.2 of this permit shall not limit the collection of samples under this condition. [8.4.3]

V. Air Pollution Episodes

Conditions justifying the proclamation of an air pollution alert, air pollution warning or air pollution emergency shall be deemed to exist whenever the Director determines that the accumulation of air pollutants in any place is attaining or has attained levels which could, if such levels are sustained or exceeded, lead to a substantial threat to the health of persons. If

the governor declares an air pollution alert, air pollution warning or air pollution emergency, the permittee shall comply with the applicable requirements contained in APC Regulation No. 10. [10.1]

W. Fugitive Dust

The permittee shall not cause or permit any materials, including but not limited to sand, gravel, soil, aggregate and any other organic or inorganic solid matter capable of releasing dust, to be handled, transported, mined, quarried, stored or otherwise utilized in any way so as to cause airborne particulate matter to travel beyond the property line of the facility without taking adequate precautions to prevent particulate matter from becoming airborne. Such precaution shall be in accordance with good industrial practice as determined by the Director and/or shall be other reasonable fugitive dust prevention measures as determined by the Director. [5.2]

X. Compliance Certifications

1. The permittee shall submit a certification of compliance with permit terms and conditions annually. [29.6.5(c)(1)]

2. The certification shall describe the following:

   a. the permit term or condition that is the basis of the certification; [29.6.5(c)(3)a]

   b. the current compliance status; [29.6.5(c)(3)b]

   c. whether compliance was continuous or intermittent; and [29.6.5(c)(3)c]

   d. the methods used for determining compliance, currently and over the reporting period. [29.6.5(c)(3)d]

3. All compliance certifications shall be submitted to the Office of Air Resources and to the USEPA Region I. They shall be submitted within 60 days following the end of the reporting period which is the calendar year unless otherwise specified. [29.6.5(c)(4)]

4. All compliance certifications shall be certified as being true, accurate, and complete by a responsible corporate official. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the certification are true, accurate, and complete. [29.6.8(e)]

Y. Permit Shield

1. Compliance with the terms and conditions of this permit shall be deemed compliance with all requirements applicable to the source in the following Approval Nos. 795, 1128, 1246, 1400 – 1404, 1291, 1613-1641, Air Toxics Operating Permit Approval Nos. 1309 – 1314, 40 CFR 63 Subpart A, 40 CFR 63 Subpart T, 40 CFR 63.3883 and 63.3901 of Subpart MMMM and RI APC Regulations Nos. 1, 4, 5, 6, 7, 8, 9, 10, 13, 14, 16, 17, 19, 22, 27, 28, 29 and 36. [29.6.12(a)(1)]

2. The Office of Air Resources has determined that units B001 – B004, G001, G002, P001, P002, P004, P005, P008 – P045, T001, T004, T005 and D001 are not subject to 2, 3, 11, 12, 15, 20, 21, 24, 25, 26, 30, 31, 32, 33, 35, 38, 39 and 41. [29.6.12(a)(2)]

3. Nothing in this permit shall alter or affect the following:

    a. the provisions of Section 303 of the Clean Air Act, including the authority of the USEPA under that Section. [29.6.12(c)(1)]

    b. the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance. [29.6.12(c)(2)]

    c. the applicable requirements of the acid rain program consistent with Section 408 of the Clean Air Act. [29.6.12(c)(3)]

    d. the ability of the USEPA to obtain information under Section 114 of the Act. [29.6.12(c)(4)]

4. If it is determined that this operating permit was issued based on inaccurate or incomplete information provided by the permittee, this permit shield shall be void as to the portions of this permit which are affected, directly or indirectly, by the inaccurate or incomplete information. [29.6.12(d)]

Z. Recordkeeping

1. The permittee shall, at the request of the Director, maintain records of and provide data on operational processes, fuel usage, raw materials, stack dimensions, exhaust gas flow rates and temperatures, emissions of air contaminants, steam or hot water generator capacities, types of equipment producing air contaminants and air pollution control systems or other data that may be necessary to determine if the facility is in compliance with air pollution control regulations. [14.2.1]

2. All records and supporting information required by this permit shall be maintained at the permittee's 2 Briggs Drive facility for a period of at least 5 years from the date of sample monitoring, measurement, report or application, and shall be made available to representatives of the Office of Air Resources and the USEPA upon request.

Supporting information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. [14.2.1, 29.6.4(a)(2), Approval Nos. 1246, 1400 – 1404(E)(11), Approval No. 1291(D)(6), Approval Nos. 1613-1641(C)(9), 63.10(b)(1)]

3. The permittee shall keep records of required monitoring information that include the following:

   a. The date, place and time of sampling or measurements; [29.6.4(a)(1)]

   b. The date(s) analyses were performed; [29.6.4(a)(1)]

   c. The company or entity that performed the analyses; [29.6.4(a)(1)]

   d. The analytical techniques or methods used; [29.6.4(a)(1)]

   e. The results of such analyses; and [29.6.4(a)(1)]

   f. The operating conditions as existing at the time of sampling or measurement. [29.6.4(a)(1)]

AA. Reporting

1. The information recorded by the permittee pursuant to Condition II.Z.1 of this Section shall be summarized and reported at least annually to the Director. It shall be submitted by April 15th unless otherwise specified. [14.2.2] Information submitted pursuant to this condition will be correlated with applicable emission limitations and other applicable emissions information and will be available for public inspection. [14.2.3]

2. The permittee shall submit reports of any required monitoring for each semi annual period ending 30 June and 31 December of every calendar year. These reports shall be due to the Office of Air Resources no later than forty-five (45) days after the end of the reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official consistent with condition II.X.4. [29.6.4(b)(1)]

3. Deviations from permit conditions, including those attributable to upset conditions as defined in this permit, shall be reported, in writing, within five (5) business days of the deviation, to the Office of Air Resources. A copy of any such report shall be sent to the USEPA Region I. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken. Each report must be certified by a responsible official consistent with Condition II.X.4. of this permit. [29.6.4(b)(2)]

4. The Office of Air Resources shall be notified in writing of any planned physical change or operational change to the emissions units and control devices identified in this permit. Such notification shall include information describing the nature of the change, information describing the effect of the change on the emissions of air contaminants and the scheduled completion date of the planned change. Any change which may result in an increased emission rate of any air contaminant shall be subject to approval of the Office. [Approval No. 1128, Approval Nos. 1246, 1400 – 1404(E)(10), Approval No. 1291(D)(2), Approval Nos. 1613-1641(C)(8), Air Toxics Operating Permit Approval No. 1438/03(D)(2)]

BB. Credible Evidence

For the purpose of submitting compliance certifications or establishing whether or not the permittee has violated or is in violation of any provision of this permit, the methods used in this permit shall be used, as applicable. However, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether the permittee would have been in compliance with applicable requirements if the appropriate performance or compliance test procedures or methods had been performed. [40 CFR 51.212(c), 51.12(c), 52.33(a)]

CC. Emission Statements

1. The permittee shall submit annually an emission statement which includes information for both VOC and NO_x if facility wide actual emissions are 25 tons per year of either pollutant. Emission statements shall be submitted to the Office of Air Resources on April 15th of each year unless otherwise specified. The permittee may apply to the Office of Air Resources to be allowed to discontinue submitting annual emission statements if actual emissions at the facility decrease to below 10 tons per year as a result of a permanent process change. [14.3.1] The permittee shall submit an emission statement in a format approved by the Office of Air Resources. The emission statement shall contain the following information: [14.3.2]

    a. A certification that the information contained in the emission statement is accurate and complete to the best knowledge of the certifying individual.

    b. The full name, title, signature, date of signature, and telephone number of the certifying individual.

    c. Facility identification information, including the full name, physical location, mailing address, latitude, longitude, and four digit SIC code(s).

    d. Process data pertaining to each process emitting VOC and/or NO_x, including:

        (1) Annual and typical ozone season daily fuel use,
        (2) Annual and typical ozone season daily process rate(s), and
        (3) Process throughput while air pollution control equipment was not in

operation.

e. Operating data pertaining to each process emitting VOC and/or NO_x during the reporting year, including:

(1) Percentage annual throughput,
(2) Average hours of operation per day during the reporting year and on a typical ozone season day,
(3) Average number of days of operation per week during the reporting year and during a typical ozone season week, and
(4) Weeks of operation during the reporting year and during the peak ozone season.

f. Control equipment information, including:

(1) Specific primary and secondary control equipment for each process emitting VOC and/or NO_x,
(2) Current overall control efficiency for each piece of control equipment (indicated by percent capture and percent destruction or removal), and
(3) Control equipment downtime during the reporting year and during the peak ozone season.

g. Emissions information, including:

(1) Actual annual and typical ozone season daily emissions of VOC and NO_x for each process. Emissions should be reported in tons per year and in pounds per day.
(2) A description of the emission calculation method and, if applicable, emission factor(s) used, and
(3) The calendar year for which emissions are reported.

h. Any additional information required by the Director to document the facility's emission statements.

DD. Miscellaneous Conditions

1. This permit may be modified, revoked, reopened, reissued or terminated for cause. The filing of a request, by the permittee, for a permit modification, revocation and reissuance or termination or of a notification of planned changes or anticipated noncompliance does not release the permittee from the conditions of this permit. [29.6.8(c)(3)]

2. Any application for a permit revision need only submit information related to the proposed change. [29.4.3(c)]

3. Terms not otherwise defined in this permit shall have the meaning given to such terms in 40 CFR 63.2, the Clean Air Act as amended in 1990 or the referenced regulation as applicable.

4. Where more than one condition in this permit applies to an emission unit and/or the entire facility, the most stringent condition shall apply.

SECTION III. SPECIAL CONDITIONS

A. Ozone-depleting Substances

This section contains air pollution control requirements that are applicable to this facility, and the United States Environmental Protection Agency enforces these requirements.

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

    a. All containers containing a class I or class II substance that is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to 40 CFR 82.106.

    b. The placement of the required warning statement must comply with the requirements of 40 CFR 82.108.

    c. The form of the label bearing the required warning statement must comply with the requirements of 40 CFR 82.110.

    d. No person may modify, remove or interfere with the required warning statement except as described in 40 CFR 82.112.

2. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVAC) in Subpart B:

    a. Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices of 40 CFR 82.156.

    b. Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment of 40 CFR 82.158.

    c. Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

    d. Persons disposing of small appliances, MVACs and MVAC-like appliances (as defined in 40 CFR 82.152) must comply with recordkeeping requirements of 40 CFR 82.166.

e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair equipment requirements of 40 CFR 82.156.

f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

3. If the permittee manufactures, transforms, imports or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR Part 82, Subpart A, "Production and Consumption Controls".

4. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, "Servicing of Motor Vehicle Air Conditioners".

   The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo or system used on passenger buses using HCFC-22 refrigerant.

5. The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, "Significant New Alternatives Policy Program".

B. Prevention of Accidental Releases

This section contains air pollution control requirements that are applicable to this facility, and the United States Environmental Protection Agency enforces these requirements.

Your facility is subject to the requirements of the General Duty Clause, under 112(r)(1) of the CAA Amendments of 1990. This clause specifies that owners or operators of stationary sources producing, processing, handling or storing a chemical in any quantity listed in 40 CFR Part 68 or any other extremely hazardous substance have a general duty to identify hazards associated with these substances and to design, operate and maintain a safe facility, in order to prevent releases and to minimize the consequences of accidental releases which may occur.